

REMARKS

I. Status of the Claims of Patent Application

There are 28 claims pending in the application comprising claims 52-79.

II. Summary of the Office Action

In the present Office Action, claims 52-67, 71-73, and 77-79 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fox et al. (Adapting to Network and Client Variability via On-Demand Dynamic Distillation; ACM, October 1996) (cited by Applicant in IDS) (hereinafter Fox) in view of Himmel (USPN 6,167,441). Claims 68, 69, 74, and 75 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fox-Himmel in view of Edholm (US 2003/0067940). Claims 70 and 76 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fox-Himmel in view of Hedin et al. (USPN 6,185,535) (hereinafter Hedin).

III. Request for Reconsideration

Applicant requests reconsideration of the rejections and further requests allowance of the application on the basis of the following remarks.

IV. Claim Rejections

In the Office Action, claims 52-67, 71-73, and 77-79 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Fox et al in view of Himmel. However, Fox does not describe or suggest all of the feature of claims 52-67, 71-73, and 77-79. For example, claim 52 recites, among other things, a feature configured to "parse data elements contained in the received web pages and remove non-displayable data elements from the web pages to generate displayable web pages based on the wireless device type of the requesting wireless device". Such a feature is not shown or suggested by Fox.

Fox is directed to performing adaptation mechanism that uses datatype-specific compression on semantically typed data. As described on page 161, section 1.3.1; page 162, section 2.1; and page 163 section 3.1 of Fox, this technique uses a proxy server, located logically between a client and a content providing server, to retrieve content from Internet servers on the client's behalf, determine the high-level types of various components (e.g., images, text runs) and

employ the appropriate compression engine to compress the datatype-specific data object while preserving most of its semantic content. For example, an image can be compressed using size reduction, color quantization limitation, and format conversion.

In contrast to Applicant's independent claim 52, Fox does not attempt to remove non-displayable data element, but compresses the datatype-specific data to a specific constraint while preserving most of its semantic content. Fox does not, therefore, teach or suggest at least the feature of the Applicant's independent claim 52 directed to removing non-displayable data elements from the web pages to generate displayable web pages based on the wireless device type. By removing the non-displayable elements the computational burden of compressing datatype-specific data is eliminated from the proxy server that has to serve numerous web page request simultaneously, and therefore the response time of the proxy server is improved. In addition, the upload speed is further improved since removing the non-displayable elements results in transmission of less data from the proxy server to the client device.

In the rejection, the examiner combines Fox with Himmel. However, Himmel does not show or suggest the above mentioned features of claim 52 either.

As such, neither Fox or Himmel, whether considered separately or in combination, teaches or suggests all the features of Applicant's independent claim 52. Independent claim 52 is therefore allowable. Since independent claim 52 is allowable, claims 53-59, and 74 -79 that depend therefrom are also allowable.

Applicant's independent claim 60 is directed to a method that includes features that are similar to the independent claim 52. Applicant's independent claim 60 is therefore allowable for the reason's provided with respect to independent claim 52. Since independent claim 60 is allowable, claims 61-73 that depend therefrom are also allowable.

V. Conclusion

For the foregoing reasons, applicant submits that all of the claims are patentable over the cited art and respectfully requests reconsideration and an early indication of allowance. The Examiner is invited to contact the undersigned if any additional information is required.

Respectfully submitted,

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date


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